FOXD1 Rabbit pAb

Catalog Number:	bs-12193R
Target Protein:	FOXD1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)
Reactivity:	(predicted:Human, Mouse, Rabbit, Sheep, Chicken, Dog)
Predicted MW:	46 kDa
Subcellular Locations:	Nucleus
Entrez Gene:	2297
Swiss Prot:	Q16676
Source:	KLH conjugated synthetic peptide derived from Human FOXD1: 131-230/465.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	FOXD1 is involved in regulating inflammation as well as kidney and retinal development. FOXD1 regulates the activity of NFAT and NFkB. Deficiency of FOXD1 results in multiorgan systemic inflammation, exaggerated Th cell-derived cytokine production, and T cell proliferation in autogolgous MLRs. In kidneys, FOXD1 controls the production of signals required for the normal transition of induced mesenchyme into tubular epithelium and full growth and branching of the collecting system. Deletion of FOXD1 results in renal abnormalities. FOXD2 acts as a modulator of T cell activation.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.682] Gao, Cao. et al. BMSC-Derived Exosomes Carrying lncRNA-ZFAS1 Alleviate Pulmonary Ischemia/Reperfusion Injury by UPF1-Mediated mRNA Decay of FOXD1. MOL NEUROBIOL. 2023 Jan;:1-18 WB ; Mouse . 36652050

[IF=3.6] Li Shan. et al. Integrative analysis with machine learning identifies diagnostic and prognostic signatures in neuroblastoma based on differentially DNA methylated enhancers between INSS stage 4 and 4S neuroblastoma. J CANCER RES CLIN. 2024 Mar;150(3):1-26 IHC ;

Human . 38512513

[IF=3.399] Qi Liu. et al. Investigation of Candidate Genes and Pathways in Basal/TNBC Patients by Integrated Analysis:. Technol Cancer Res T. 2021;(): IHC ; Human . 34184566